MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

August, 1946

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

AUGUST 1946

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.1	56.1	55.9	57.0	33.9	21.2	31.7	31.6	29.3	30.9
2	4.5	4.3	4.5	4.4	34.4	25.0	29.1	32.9	29.7	30.6
3	4.1	3.8	4.1	4.0	34.1	24.7	29.7	32.2	26.7	29.5
4	5.0	4.8	4.9	4.9	34.1	24.4	30.0	32.8	29.8	30.9
5	5.6	5.5	5.7	5.6	33.9	24.9	29.7	30.4	26.9	29.0
6	54.8	54.3	54.0	54.4	31.8	25.0	29.4	30.7	27.2	29.1
7	2.7	2.5	2.7	2.6	34.4	21.7	30.0	32.4	26.9	29.8
8	2.9	2.8	3.3	3.0	34.3	24.4	31.7	32.6	26.9	30.4
9	4.6	4.3	4.9	4.6	34.5	24.0	29.6	32.6	26.2	29.5
10	5.8	5.0	5.3	5.4	34.4	24.3	29.9	32.6	26.6	29.7
11	55.2	54.6	54.8	54.9	34.9	24.5	30.4	32.7	27.2	30.1
12	4.3	4.2	4.1	4.2	34.7	24.5	29.9	32.6	26.7	29.7
13	4.8	3.1	3.8	3.9	34.4	25.1	29.3	32.8	30.6	30.9
14	3.7	3.8	4.0	3.8	35.1	25.2	30.4	33.6	26.8	30.3
15	3.9	3.5	3.5	3.6	34.6	25.0	29.8	33.1	30.2	31.0
16	52.8	52.0	52.6	52.5	34.9	25.1	29.9	33.3	30.3	31.2
17	2.8	3.4	3.8	3.3	34.7	25.0	30.3	33.4	30.2	31.3
18	4.6	4.7	5.0	4.8	34.5	25.7	31.0	32.7	27.2	30.3
19	5.1	4.6	5.2	5.0	34.5	23.8	29.7	32.3	27.7	29.9
20	4.8	1.2	5.3	3.8	34.7	25.0	29.5	32.8	27.2	29.8
21	54.3	53.9	54.5	54.2	34.9	25.1	29.9	33.3	27.3	30.2
22	4.7	4.9	5.9	5.2	35.0	25.6	29.9	33.3	27.8	30.3
23	6.0	5.7	5.9	5.9	34.7	24.4	30.0	33.1	26.6	29.9
24	5.7	5.2	5.3	5.4	34.4	24.6	29.6	32.3	26.7	29.5
25	5.2	6.4	6.6	6.1	33.7	24.9	30.4	32.2	27.3	30.0
26	54.9	54.7	54.8	54.8	33.8	24.3	30.1	32.7	27.1	30.0
27	5.5	4.8	4.9	5.1	34.6	24.9	30.2	32.6	27.2	30.0
28	5.6	4.5	5.4	5.2	33.8	24.4	30.1	32.2	26.6	29.6
29	5.7	3.3	6.8	5.3	33.9	24.5	29.5	32.1	27.2	29.6
30	7.6	7.0	6.9	7.2	32.0	21.9	31.3	31.0	26.1	29.5
31	6.9	6.2	5.7	6.3	34.4	24.4	28.7	32.3	26.0	29.0
	54.94	54.35	54.84	54.72	34.25	24.43	30.02	32.49	27.61	30.04

Barometer, range for month 751.2 — 759.1mm.
,, 62-yr. average for month 756.08 mm.
Thermometer, range for month 21.2° — 35.1°C
,, 62-yr. average for month 28.°50 C.
Rain, total for month 0.0 m.m.
,, 62-yr. average for month 0.51 m.m.
,, Total, Sept. 1st. to end of month 895.35 mm.
,, 62-yr. average, Sept. 1st. to end of month 884.94 mm

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor mm.				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	19.5	22.1	14.5	18.7	56	64	47	56	12.5	417.0	
2	16.0	25.5	20.0	20.5	54	68	64	62	12.2	491.0	
3	22.8	22.5	22.0	22.4	73	62	85	73	12.0	367.0	
4	21.4	25.3	15.2	20.6	66	68	49	61	11.4	367.0	
5	17.6	27.3	17.3	20.7	57	85	66	69	12.3	476.0	
6	21.9	27.4	21.7	23.7	70	83	81	78	12.2	529.0	
7	21.5	21.8	16.1	19.8	67	58	61	62	11.9	468.0	
8	19.2	22.5	21.7	21.1	54	61	78	64	12.0	370.0	
9	22.5	23.0	16.8	20.8	72	62	67	67	12.3	460.0	
10	22.8	23.1	17.0	21.0	72	62	65	66	12.2	463.0	
11	24.0	25.8	17.2	22.3	75	70	64	70	11.9	367.0	
12	23.1	23.2	22.5	22.9	74	63	87	75	11.8	497.0	
13	23.4	31.5	28.2	27.9	79	85	85	83	12.0	452.0	
14	23.6	27.5	19.8	23.6	73	73	75	74	12.0	396.0	
15	24.2	26.6	21.8	24.2	78	70	68	72	12.0	423.0	
16	23.0	26.1	21.3	23.5	73	68	65	69	12.0	463.0	
17	23.4	26.4	21.3	23.7	72	68	66	69	12.0	304.0	
18	24.0	25.2	22.4	23.9	75	68	85	76	11.8	198.0	
19	22.5	23.1	22.5	22.7	71	63	81	72	12.4	343.0	
20	22.2	22.9	21.7	22.3	72	62	81	72	11.7	373.0	
21	23.1	22.6	21.2	22.3	74	59	79	71	11.5	465.0	
22	22.9	22.6	22.8	22.8	73	59	82	71	11.6	653.0	
23	22.8	25.5	20.7	23.0	71	68	79	73	12.0	348.0	
24	22.4	22.0	21.3	21.9	73	60	82	72	11.8	348.0	
25	22.4	21.5	21.4	21.8	69	60	79	69	11.2	362.0	
26	21.5	20.6	18.4	20.2	66	55	69	63	11.3	549.0	
27	21.8	22.5	16.1	20.1	67	61	60	63	11.4	538.0	
28	21.7	21.6	20.1	21.1	67	60	77	68	11.7	428.0	
29	19.6	21.6	20.7	20.6	62	60	77	66	11.6	422.0	
30	18.0	19.7	20.0	19.2	53	59	80	64	11.5	272.0	
31	22.6	22.6	14.5	19.9	79	63	58	67	12.1	261.0	
	21.84	23.92	19.94	21.91	68.9	65.4	72.3	68.9	11.88	415.16	

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equals G.C.T.

62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	2cu	0	0	0.7	1w	1w	0	calm	
2	0	0	0	0.0	3sw	2sw	1sw	light	
3	0	1cu	0	0.3	1sw	1w	1w	calm	
4	0	1cu	0	0.3	2sw	2w	1w	,,	
5	0	1cu	3cu	1.3	2sw	3sw	1sw	light	
6	0	0	0	0.0	3sw	2sw	3sw	light	
7	0	1cu	1cu	0.7	3sw	3sw	2w	slight	
8	1cu	1ci	1ci	1.0	1sw	1sw	0	calm	
9	1cu	0	0	0.3	1sw	1sw	0	,,	
10	0	0	0	0.0	2sw	2sw	1sw	,,	
11	0	0	0	0.0	3sw	2w	1w	calm	
12	0	0	1ci	0.3	3sw	2sw	1w	light	
13	0	1cu	4cu	1.7	3sw	2sw	1w	,,	
14	0	0	2cu	0.7	1sw	1sw	1sw	calm	
15	1cu	0	0	0.3	1sw	1sw	1sw	,,	
16	0	1ci	0	0.3	1w	1w	0	calm	
17	0	0	0	0.0	1sw	1sw	0	,,	
18	2cu	0	0	0.7	0	0	1sw	,,	
19	2cu	0	0	0.7	1sw	1w	1w	,,	
20	0	0	1cu	0.3	0	2w	0	,,	
21	2cu	2cu	0	1.3	1sw	2sw	0	calm	
22	1cu	1cu	0	0.7	1sw	2sw	2sw	light	
23	0	0	0	0.0	3sw	2sw	1sw	,,	
24	1ci	0	0	0.3	1sw	1sw	0	calm	
25	0	0	2cu	0.7	1sw	1sw	0	,,	
26	1cu	1cu	0	0.7	1sw	2sw	0	calm	
27	2cu	1cu	0	1.0	2sw	2sw	2sw	light	
28	1cu	1cu	1cu	1.0	1sw	1sw	0	calm	
29	0	0	6cu	2.0	1sw	1sw	1sw	,,	
30	2cu	0	0	0.7	0	1nw	0	,,	
31	0	1cu	0	0.3	0	1nw	1nw	,,	
				0.59					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	25	2	0	4	31
14:30	0	0	0	0	0	21	7	2	1	31
20:30	0	0	0	0	0	11	7	1	12	31
Totals	0	0	0	0	0	57	16	3	17	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr av. number of days with rain during month 0.2